

PLANNING LEVEL OPINION OF COST SUMMARY						
Project Description: I-90 / SR 18 Interchange Improvements			Client: Snohomish County			
Corridor Section: Diverting Diamond Interchange			Date: June-15			
Location: Interchange			Date of Cost Index: 2015			
			Calculated By/Entered By: BMP		27-May	
			Checked By: MAM		9-Jul	
ESTIMATE TEMPLATE COSTS - UPDATED DECEMBER 2014						
		ITEM	UNIT	ESTIMATED UNIT COST	QTY	COST
I.		RIGHT OF WAY				
		RIGHT OF WAY (PARTIAL ACQUISITION)	LS	\$0	1	\$0
		RIGHT OF WAY (FULL ACQUISITION)	LS	\$0	1	\$0
		CONSTRUCTION EASEMENTS	SF	\$5	-	\$0
		RIGHT OF WAY TOTAL				\$0
II.		CONSTRUCTION				
1		PREPARATION/GRADING/DRAINAGE				
	1.1	PREPARATION				
		CLEAR & GRUB,DEMO	ACRE	\$6,000	1.8	\$10,800
		REMOVING EXISTING PAVEMENT	SY	\$10	3,100	\$31,000
		REMOVAL STRUCTURES & OBSTRUCTIONS	LS	\$22,200	1	\$22,200
	1.2	EARTHWORK				
		ROADWAY EXCAVATION INCL, HAUL	CY	\$20	11,200	\$224,000
		STRUCTURE EX. CL. A INCL. HAUL	CY	\$25	-	\$0
		BORROW INCL. HAUL	TON	\$18	5,300	\$95,400
		EMBANKMENT COMPACTION	CY	\$2	2,900	\$5,800
	1.3	STORMWATER MITIGATION				
		DETENTION AND TREATMENT	SF	\$10	64,200	\$642,000
	1.4	STORM DRAINAGE CONVEYANCE	LS	\$446,600	1	\$446,600
2		STRUCTURE				
		CONCRETE BRIDGES	SF	\$250	-	\$0
		CONCRETE BRIDGES WIDENING	SF	\$350	-	\$0
		APPROACH SLAB	SY	\$140	-	\$0
		BRIDGE EMBANKMENT	CY	\$50	-	\$0
		MODULAR BLOCK WALL (CUT)	SF	\$35	5,900	\$206,500
		SOLDIER PILE WALL W/ CONCRETE FACING (CUT)	SF	\$125	-	\$0
		SOLDIER PILE WALL W/ CONCRETE FACING (CUT)	SF	\$150	-	\$0
		MECHANICALLY STABILIZED EARTH WALL (FILL)	SF	\$45	-	\$0
		SOLDIER PILE WALL W/ CONCRETE FACING (FILL)	SF	\$125	-	\$0
		SOLDIER PILE WALL W/ CONCRETE FACING (FILL)	SF	\$150	-	\$0
		BRIDGE REMOVAL	SF	\$40	-	\$0
		CULVERT	LF	\$1,750	130	\$227,500
		NOISE WALLS	SF	\$40	-	\$0
3		SURFACING				
		PORTLAND CEMENT CONCRETE	SF	\$12	-	\$0
		HOT MIX ASPHALT	TON	\$85	5,900	\$501,500
		CRUSHED SURFACING	TON	\$25	2,500	\$62,500
4		ROADSIDE DEVELOPMENT				
		FENCING	LF	\$15	-	\$0
		SEEDING, MULCHING & FERTILIZING	LS	\$65,000	1	\$65,000
		WETLAND MITIGATION	LS	\$0	1	\$0
		ENVIRONMENTAL PERMITS	LS	\$0	1	\$0
		TEMPORARY WATER POLLUTION & EROSION CONTROL	LS	\$76,400	1	\$76,400
		LANDSCAPING	LS	\$0	1	\$0
5		TRAFFIC				
		GUARD RAIL	LF	\$18	-	\$0
		CONCRETE BARRIER	LF	\$65	-	\$0
		SIGNAL SYSTEMS	LS	\$600,000	1	\$600,000
		ILLUMINATION	LS	\$154,000	1	\$154,000
		SIGNING	LS	\$428,000	1	\$428,000
		CURBS	LF	\$15	2,100	\$31,500
		CURB RAMPS	EA	\$1,500	-	\$0
		SIDEWALKS	SY	\$25	1,000	\$25,000
		DRIVEWAYS	SY	\$75	-	\$0
		SC&DI (ITS)	LS	\$40,000	1	\$40,000
		TRAFFIC CONTROL	LS	\$194,800	1	\$194,800
	5a.	OTHER ITEMS				
		SURVEYING	LS	\$61,400	1	\$61,400
		SPECIAL ITEMS	EST	\$0	1	\$0
		UTILITY RELOCATIONS	EST	\$0	1	\$0
6		MISCELLANEOUS (10%)	LS	\$416,000	1	\$416,000
7		CONSTRUCTION SUBTOTAL (ITEMS 1 THRU 6)				\$4,567,900
8		MOBILIZATION				
		10.00% OF ITEM 7	EST	\$457,000	1	\$457,000
9		SUBTOTAL (ITEMS 7 & 8)				\$5,024,900
10		SALES TAX				
		0.0% OF (% OF ITEM 9)	EST	\$0	1	\$0
11		AGREEMENTS (Utilities, WSP, etc.)				
			EST	\$0	1	\$0

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		ITEM	UNIT	ESTIMATED UNIT COST	QTY	COST
12		SUBTOTAL (ITEMS 9 THRU 11)				\$5,024,900
13		CONSTRUCTION				
		ENGINEERING (15% OF ITEM 12)	EST	\$754,000	1	\$754,000
		CONTINGENCIES (30% OF ITEM 12)	EST	\$1,508,000	1	\$1,508,000
14		CONSTRUCTION TOTAL (ITEMS 12 & 13)				\$7,286,900
III.		PRELIMINARY ENGINEERING				
		(15% OF ITEM 14)	EST	\$1,094,000	1	\$1,094,000
IV.		TOTAL ESTIMATED COST				
		(ITEMS I, 14 & III)				\$8,390,000
V.		FUTURE ESTIMATED COST				
			Inflation	Const. Year	Cost Index	Future Cost
		FUTURE COST BASED ON INFLATION RATE	0.04	2015	2015	\$8,390,000

The above opinion of cost is a planning level estimate only. It is based on best available information and scope at the time, not on the results of a detailed engineering study, and is supplied as a budgeting guide only. Perteet, Inc. does not guarantee or warrant the accuracy of this planning level estimate.